

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|-------------------|------------------|---------|------------------|
| L1 | 28 | (optical NEAR2 delay) SAME (liquid ADJ crystal) SAME switch\$3 | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:07 |
| L2 | 5 | ((optical NEAR2 delay) SAME (liquid ADJ crystal) SAME switch\$3) AND (delay NEAR2 variable) | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:07 |
| L3 | 3 | (optical NEAR2 delay) SAME (liquid ADJ crystal) SAME switch\$3 SAME (delay NEAR2 variable) | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:07 |
| L4 | 1 | ((fine ADJ delay) SAME (fs femtosecond\$1)) AND ((optical NEAR2 delay) SAME (liquid ADJ crystal) SAME switch\$3) | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:11 |
| L5 | 1 | (refract\$3 SAME fluid\$1) AND ((optical NEAR2 delay) SAME (liquid ADJ crystal) SAME switch\$3) | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:07 |
| L6 | 20 | (birefringen\$2) AND ((optical NEAR2 delay) SAME (liquid ADJ crystal) SAME switch\$3) | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:07 |
| L7 | 4 | (control\$3 SAME birefringen\$2) AND ((optical NEAR2 delay) SAME (liquid ADJ crystal) SAME switch\$3) | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:07 |
| L8 | 1 | (refract\$3 SAME fluid\$1) AND (birefringen\$2) AND ((optical NEAR2 delay) SAME (liquid ADJ crystal) SAME switch\$3) | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:07 |
| L9 | 4 | (refract\$3 SAME fluid\$1 SAME delay SAME switch\$3) | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:07 |
| L10 | 1 | (refract\$3 SAME fluid\$1 SAME delay SAME switch\$3) AND ((liquid ADJ crystal) SAME switch\$3) | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:07 |
| L11 | 1 | (optical NEAR2 delay) SAME (liquid ADJ crystal) SAME switch\$3 AND (fluid fluidic micro\$1fluidic (micro ADJ fluidic)) | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:07 |
| L12 | 11 | (delay SAME (liquid ADJ crystal) SAME switch\$3) AND (fluid fluidic micro\$1fluidic (micro ADJ fluidic)) | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:07 |
| L13 | 1 | ((coarse ADJ delay) SAME (ps picosecond\$1)) AND ((optical NEAR2 delay) SAME (liquid ADJ crystal) SAME switch\$3) | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:07 |
| L14 | 29 | (vod (optical NEAR2 delay)) SAME (liquid ADJ crystal) SAME switch\$3 | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:07 |
| L15 | 105 | ((vod (optical NEAR2 delay)) SAME ((liquid ADJ crystal) polarization TIR) SAME switch\$3) | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:07 |
| L16 | 65 | (delay SAME path\$1) AND (((vod (optical NEAR2 delay)) SAME ((liquid ADJ crystal) polarization TIR) SAME switch\$3)) | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:07 |
| L17 | 2 | (delay SAME (path\$1 NEAR3 fold\$3)) AND (((vod (optical NEAR2 delay)) SAME ((liquid ADJ crystal) polarization TIR) SAME switch\$3)) | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:07 |
| L18 | 2 | (fluid\$1 SAME refract\$3) AND (delay SAME path\$1) AND (((vod (optical NEAR2 delay)) SAME ((liquid ADJ crystal) polarization TIR) SAME switch\$3)) | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:07 |
| L19 | 1 | (fluid\$1 NEAR3 refract\$3) AND (delay SAME path\$1) AND (((vod (optical NEAR2 delay)) SAME ((liquid ADJ crystal) polarization TIR) SAME switch\$3)) | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:07 |
| L20 | 3 | ((fluid\$1 air) SAME refract\$3) AND (delay SAME path\$1) AND (((vod (optical NEAR2 delay)) SAME ((liquid ADJ crystal) polarization TIR) SAME switch\$3)) | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:07 |
| L21 | 5 | (optical NEAR2 delay) SAME (liquid ADJ crystal) SAME switch\$3 | EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:07 |
| L22 | 2 | ((optical NEAR2 delay) SAME (liquid ADJ crystal) SAME switch\$3) AND (delay NEAR2 variable) | EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:07 |
| L23 | 19 | ((vod (optical NEAR2 delay)) SAME ((liquid ADJ crystal) polarization TIR) SAME switch\$3) | EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:07 |
| L24 | 1 | (delay SAME path\$1) AND (((vod (optical NEAR2 delay)) SAME ((liquid ADJ crystal) polarization TIR) SAME switch\$3)) | EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:07 |
| L25 | 178 | (359/250).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:07 |
| L26 | 113 | (359/253).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:07 |
| L27 | 238 | (359/279).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:07 |
| L28 | 276 | (359/321).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:07 |
| L29 | 103 | (349/193).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:07 |
| L30 | 115 | (349/196).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:07 |
| L31 | 11 | (L26 L25 L27 L28 L29 L30) AND ((vod (optical NEAR2 delay)) SAME (liquid ADJ crystal)) | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:07 |
| L32 | 57 | optical ADJ manifold\$1 | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:07 |
| L33 | 2 | (optical ADJ manifold\$1) AND (variable NEAR2 delay) | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:07 |
| L34 | 8 | optical SAME ((delay NEAR3 (variable adjustable programmable)) vod) SAME (liquid ADJ crystal) SAME switch\$3 | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:07 |

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| L35 | 1 | ((fine ADJ delay) SAME (fs femtosecond\$1)) AND optical AND (((delay NEAR3 (variable adjustable programmable)) vod) SAME (liquid ADJ crystal) SAME switch\$3) | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:07 |
| L36 | 7 | optical SAME ((delay NEAR3 (variable adjustable programmable)) vod) SAME ((liquid ADJ crystal) polarization TIR) SAME switch\$3 | EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:07 |
| L37 | 1 | manifold\$1 AND ((delay NEAR3 (variable adjustable programmable)) vod) SAME ((liquid ADJ crystal) polarization TIR) SAME switch\$3 | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:07 |
| L38 | 353 | (342/374).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:07 |
| L39 | 274 | (342/375).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:07 |
| L40 | 22 | (L38 L39) AND (optical SAME ((delay NEAR3 (variable adjustable programmable)) vod)) | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:07 |
| L41 | 1 | (L38 L39) AND (optical SAME ((delay NEAR3 (variable adjustable programmable)) vod) SAME (liquid ADJ crystal)) | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:07 |
| L42 | 2 | (L38 L39) AND (optical SAME ((delay NEAR3 (variable adjustable programmable)) vod) SAME ((liquid ADJ crystal) polarization TIR)) | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:07 |
| L43 | 3 | (fluid\$1 NEAR3 refract\$3) SAME (index\$1switch\$3 index ADJ switch\$3) | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:07 |
| L44 | 10 | fluid\$1 SAME (index\$1switch\$3 index ADJ switch\$3) | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:07 |
| L45 | 22 | (fluid\$1 liquid\$1) SAME refract\$3 SAME (optical NEAR3 delay) | USPAT | OR | OFF | 2005/06/09 09:07 |
| L46 | 86 | (fluid\$1 liquid\$1) SAME ((chang\$3 varying) NEAR3 refract\$3) SAME (optical NEAR3 switch\$3) | USPAT | OR | OFF | 2005/06/09 09:07 |
| L47 | 2 | ((fluid\$1 liquid\$1) NEAR3 refract\$3) SAME (optical NEAR3 switch\$3) and (optical NEAR3 delay) | USPAT | OR | OFF | 2005/06/09 09:07 |
| L48 | 1 | (delay SAME (liquid ADJ crystal) SAME switch\$3) AND (fluidic micro\$1fluidic (micro ADJ fluidic)) | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:07 |
| L49 | 7 | ((fluid\$1 liquid\$1) NEAR3 refract\$3) SAME ((variable optical) NEAR3 delay) | USPAT | OR | OFF | 2005/06/09 09:07 |
| L50 | 32 | optical ADJ delay AND (delay SAME (index refract\$3) SAME (liquid fluid)) | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:07 |
| L51 | 29 | FOUQUET-julie-\$.IN. | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:07 |
| L52 | 21 | optical ADJ delay AND ((index NEAR2 refract\$3) SAME (liquid fluid) SAME air) | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:07 |
| L53 | 3 | optical ADJ delay AND (delay SAME (index NEAR2 refract\$3) SAME (liquid fluid) SAME air) | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:07 |
| L54 | 5 | (US-5978125-\$ or US-6388616-\$ or US-5347377-\$ or US-5329118-\$ or US-5289304-\$).did. | USPAT | OR | OFF | 2005/06/09 09:07 |
| L55 | 0 | L1 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:14 |
| L56 | 0 | L2 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:13 |
| L57 | 0 | L3 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:14 |
| L58 | 0 | L4 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:14 |
| L59 | 0 | L5 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:14 |
| L60 | 0 | L6 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:14 |
| L61 | 0 | L7 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:14 |
| L62 | 0 | L8 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:15 |

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| L63 | 0 | L9 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:15 |
| L64 | 0 | L10 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:16 |
| L65 | 0 | L11 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:16 |
| L66 | 1 | L12 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:39 |
| L67 | 0 | L13 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:17 |
| L68 | 0 | L14 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:17 |
| L69 | 5 | L15 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:39 |
| L70 | 4 | L16 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:41 |
| L71 | 0 | L17 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:18 |
| L72 | 0 | L18 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:21 |
| L73 | 0 | L19 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:21 |
| L74 | 1 | L20 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:42 |
| L75 | 0 | L21 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:21 |
| L76 | 0 | L22 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:22 |
| L77 | 0 | L23 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:22 |
| L78 | 0 | L24 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:22 |
| L79 | 3 | L25 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:42 |
| L80 | 4 | L26 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:43 |
| L81 | 10 | L27 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:43 |

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| L82 | 20 | L28 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:43 |
| L83 | 5 | L29 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:43 |
| L84 | 3 | L30 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:43 |
| L85 | 1 | L31 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:43 |
| L86 | 2 | L32 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:44 |
| L87 | 0 | L33 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:23 |
| L88 | 1 | L34 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:44 |
| L89 | 0 | L35 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:23 |
| L90 | 0 | L36 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:23 |
| L91 | 0 | L37 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:23 |
| L92 | 7 | L38 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:44 |
| L93 | 10 | L39 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:44 |
| L94 | 2 | L40 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:45 |
| L95 | 0 | L41 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:24 |
| L96 | 0 | L42 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:24 |
| L97 | 2 | L43 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:45 |
| L98 | 2 | L44 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:45 |
| L99 | 2 | L45 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:45 |
| L100 | 9 | L46 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:46 |

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| L101 | 0 | L47 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:25 |
| L102 | 0 | L48 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:25 |
| L103 | 0 | L49 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:25 |
| L104 | 7 | L50 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:46 |
| L105 | 1 | L51 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:46 |
| L106 | 2 | L52 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:46 |
| L107 | 1 | L53 AND @PD>= "20050201" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/06/09 09:46 |
| L108 | 1 | ("20040080705").PN. | US-PGPUB; USPAT | OR | OFF | 2005/06/09 09:54 |